

Bulletin

TECHNICAL INFORMATION
COMMERCIAL, GOVERNMENT & INDUSTRIAL SOLUTIONS SECTOR
1301 E. ALGONQUIN RD.
SCHAUMBURG, IL. 60196
(847) 576-0180

SRN # S-0018
APC # 509, 448, 537, 225,
675,360
DATE: September, 2000
EXPIRES: NA

SUBJECT: Quantar RF Power Output Instability

MODELS AFFECTED: Quantar Station: T5365A

SYSTEMS AFFECTED: Conventional and Trunking

SYMPTOM: Fluctuations in RF power output may be seen on an RF wattmeter when the station is set at or near 60 watts and the station is programmed between 132 MHz through 174 MHz. Additionally, an audio oscillation may be heard in the receiving subscriber for approximately 4-5 seconds at the beginning of the conversation.

CAUSE: Incorrect dc bias voltage applied to the final stage of the RF driver.

RESOLUTION: This condition may be corrected by cutting the jumper wire (W598) (Figure 2) which is located on the TTD6390B module (Figure 1). It is suggested to remove the jumper wire by cutting each end and discarding the clipped section.

NOTE: Should you have additional questions please contact SSC-System Support Center for assistance @ 1-800-221-7144.

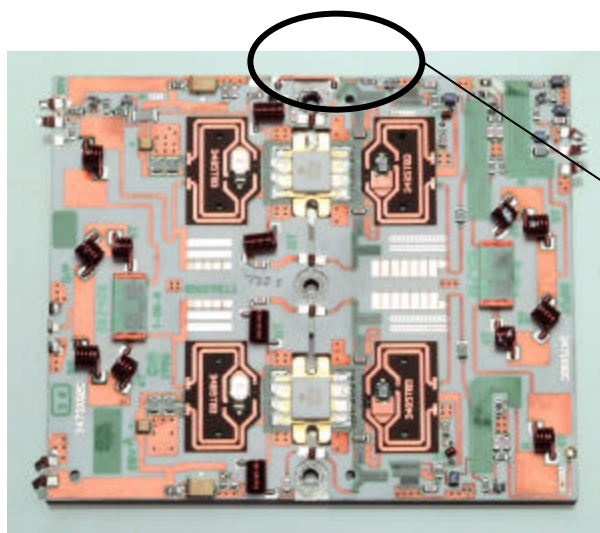


Figure 1

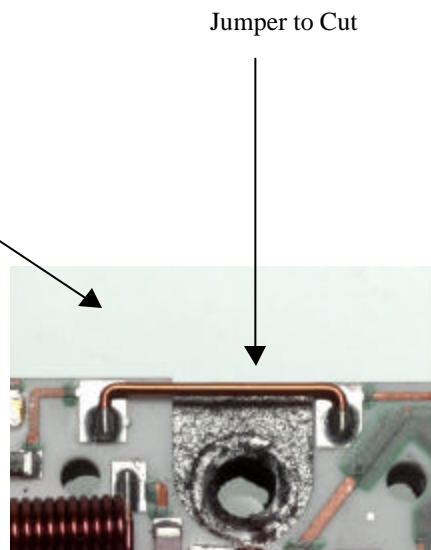


Figure 2

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